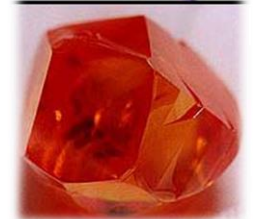
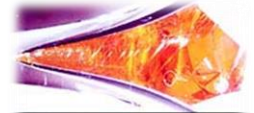


Innobay is an independent Innovation Service Company. The main mission of our company is innovation consultations services: create new inventions for companies and governmental institutes, manage innovation projects from TRL1 to TRL9 and contract management of economy and business development.

Overview -----

Innobay Hungary Ltd. was established in 2011, serving companies and governmental organizations on the field of innovation, business and economy development. The background of the company is based on the discipline of physics and engineering, led by Dr. Norbert Babcsán. His expertise covers the field of Materials and Energy research and development even on the field of complex biological systems and processes. **The main activity of the company is contract invention (patent filing) and innovation management on the field of advanced materials,** develop and introduce advanced material innovations into different industrial fields to implement green technologies for a sustainable economy. Main references of our team members are: development of space furnace to NASA, innovation management of generic nanomedical drug development for Gedeon Richter pharmaceutical company (TRL5-TRL7), innovation and innovation management of aluminium foam production technology (TRL1-TRL9), technology transfer of L-malic acid technology, market survey of future ultralight car materials, feasibility study of herbal plants for functional foods, conceptional design of high throughput tire CT scanner, feasibility study of foam assisted oil recovery technology. The managing director Dr. Norbert Babcsán awarded by the Hungarian Industrial Innovation Award in 2015 for his aluminium foam innovation, he received also the highest personal innovation awards in Hungary the Jedlik Ányos and the Gábos Dénes awards. Innobay have several partners in the world like Fraunhofer Institutes, European Space Agency etc. and connected with more than 2000 experts of advanced materials all over the world. We are looking for innovation service contracts, which can help companies and governmental institutes to start or implement innovation projects.



Project offer: Aluminium Battery -----

Our household and mobility are and will be driven by electricity. Most of the alternative energy production provides discontinuous supply of electrical energy where cost effective storage is not solved yet. Electrical Energy Storage require batteries, fuel cells or supercapacitors. Aluminium is an Energy Bank which can store nearly three times energy than lithium batteries per weight. The implementation of increased capacity of aluminium batteries depends on the improved electrochemistry and the increased surface of anode materials. Our solution is implement a high surface area percolated or cellular aluminium anode where the oxidation of the aluminium is properly controlled.

